

NATIONAL CYTOLOGY PROFICIENCY TESTING UPDATE

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Division of Laboratory Services

Survey and Certification Group

CLIA

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CLIA Statute – October 31, 1988

“Periodic confirmation and evaluation of the proficiency of individuals involved in screening or interpreting cytological preparations, including announced and unannounced on-site proficiency testing of such individuals, with such testing to take place, to the extent practicable, under normal working conditions.”

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CMS-Approved Programs 2005

- State of Maryland Cytology Proficiency Testing Program
- Midwest Institute for Medical Education, Inc.

Test Sequence

- Initial Test - 10 slide test
- First Retest - 10 slide test
- Second Retest – 20 slide test
- Third Retest – 20 slide test

PRELIMINARY RESULTS

(2005 Only)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Initial Testing Event (10 Slides in 2 Hours)

<u>Totals</u>	<u>Passed</u>	<u>Failed</u>
12,786	11,630 (91%)	1,156 (9%)
(As of 8/26/05)		
5,274	4,624 (88%)	650 (12%)

Preliminary Results As Of 1/31/06 (Maryland & MIME)

Initial Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	6,069 (93%)	439 (7%)
Pri. MD	309 (67%)	152 (33%)
Sec. MD	5,236 (90%)	561 (10%)
LT	16 (80%)	4 (20%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Second Testing Event (10 Slides in 2 Hours)

Totals

1,124

(As of 8/26/05)

427

Passed

1,015 (90%)

381 (89%)

Failed

109 (10%)

46 (11%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Second Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	425 (96%)	17 (4%)
Pri. MD	87 (66%)	44 (34%)
Sec. MD	501 (92%)	46 (8%)
LT	2 (50%)	2 (50%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Third Testing Event (20 Slides in 4 Hours)

Totals

48

(As of 8/26/05)

10

Passed

41 (85%)

7 (70%)

Failed

7 (15%)

3 (30%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Third Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	8 (89%)	1 (11%)
Pri. MD	12 (80%)	3 (20%)
Sec. MD	21 (88%)	3 (13%)
LT	0 (0%)	0 (0%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Fourth Testing Event (20 Slides in 4 Hours)

Totals

Passed

Failed

2

1 (50%)

1 (50%)

(As of 8/26/05)

0

0 (0%)

0 (0%)

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Preliminary Results As Of 1/31/06 (Maryland & MIME)

Fourth Testing Event (2005 Only)

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	0 (0%)	0 (0%)
Pri. MD	0 (0%)	1 (100%)
Sec. MD	1 (100%)	0 (0%)
LT	0 (0%)	0 (0%)

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Comparison Of Initial Failure Rates

	Total # Tested	% Failed
MD 90	293	11%
MD95	603	6%
MIME*	12,258	9%

* Preliminary Results As Of 1/31/06

Analysis

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Preparation Types – CT

(As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
Total Slides Reviewed			
62,781	5,450	7,975	49,356
Correct Response Category			
57,617(92%)	4,939(91%)	7,574(95%)	45,104(91%)
Incorrect Response Category			
5,164(8%)	511(9%)	401(5%)	4,252(9%)

Preparation Types – Pri. MD (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
Total Slides Reviewed			
6,224	1,482	803	3,939
Correct Response Category			
5,569(89%)	1,307(88%)	758(94%)	3,504(89%)
Incorrect Response Category			
655(11%)	175(12%)	45(6%)	435(11%)

Preparation Types – Sec. MD (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Conv.</u>	<u>SP</u>	<u>TP</u>
Total Slides Reviewed			
58,072	5,643	9,476	42,953
Correct Response Category			
54,677(94%)	5,278(94%)	9,148(97%)	40,251(94%)
Incorrect Response Category			
3395(6%)	365(6%)	328(3%)	2,702(6%)

Automatic Failure – HSIL/CA Called Normal/Benign (As of 2/3/06 MIME ONLY)

<u>Type</u>	<u>Total Tested</u>	<u>Total Failed</u>	<u>Auto Failure</u>
CT	6,596	438(7%)	244(56%)
Pri MD	604	200(33%)	71(36%)
Sec. MD	6,187	606(10%)	168(28%)

Current Environment

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CMS-Approved Programs 2006

- State of Maryland Cytology Proficiency Testing Program (1995 - 2005)
- Midwest Institute for Medical Education, Inc. (2005)
- College of American Pathologists (2006)

Current Activities

- Conference Calls and Meetings with Cytology Professional Organizations
- S & C Memorandum (2006)
- Formation of CLIAC Workgroup
 - Pathologists
 - Cytotechnologists
- Open Door Forum

Future Activities

- Convene CLIAC Workgroup (March 2006)
- Interim CLIAC Meeting (Summer 2006)
- NPRM
- Final Rule

THANK YOU!

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